

(b) contacting said sample with a peptide [capable of binding to antibodies that are found in elevated levels in body fluids of schizophrenic patients.] having the amino acid sequence of Seq.ID.No.2;

(c) determining the level of binding of said peptide to said sample, a level higher than the binding level of said peptide to a sample from non-schizophrenic individuals indicating that said individual has a high likelihood of having schizophrenia.

Cancel claim 9.

14. (amended) A kit for use in the diagnosis of schizophrenia comprising:

- i. a support comprising one or more peptides in accordance with [any one of claims 1-7] claim 1 immobilized onto it;
- ii. an anti-human immunoglobulin antibody or fragment thereof which maintains the binding characteristics of the whole antibody; said antibody or fragment thereof conjugated to a detectable marker;
- iii. reagents required for carrying out the assay, and;
- iv. instructions for use.